

FERNANDINA HARBOR PROJECT CONDITION SURVEY



US Army Corps
of Engineers
Jacksonville District

SAFETY ON THIS JOB
DEPENDS ON YOU

NO.	DATE	BY	REVISION

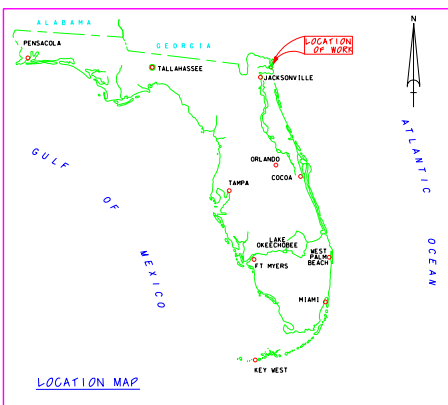
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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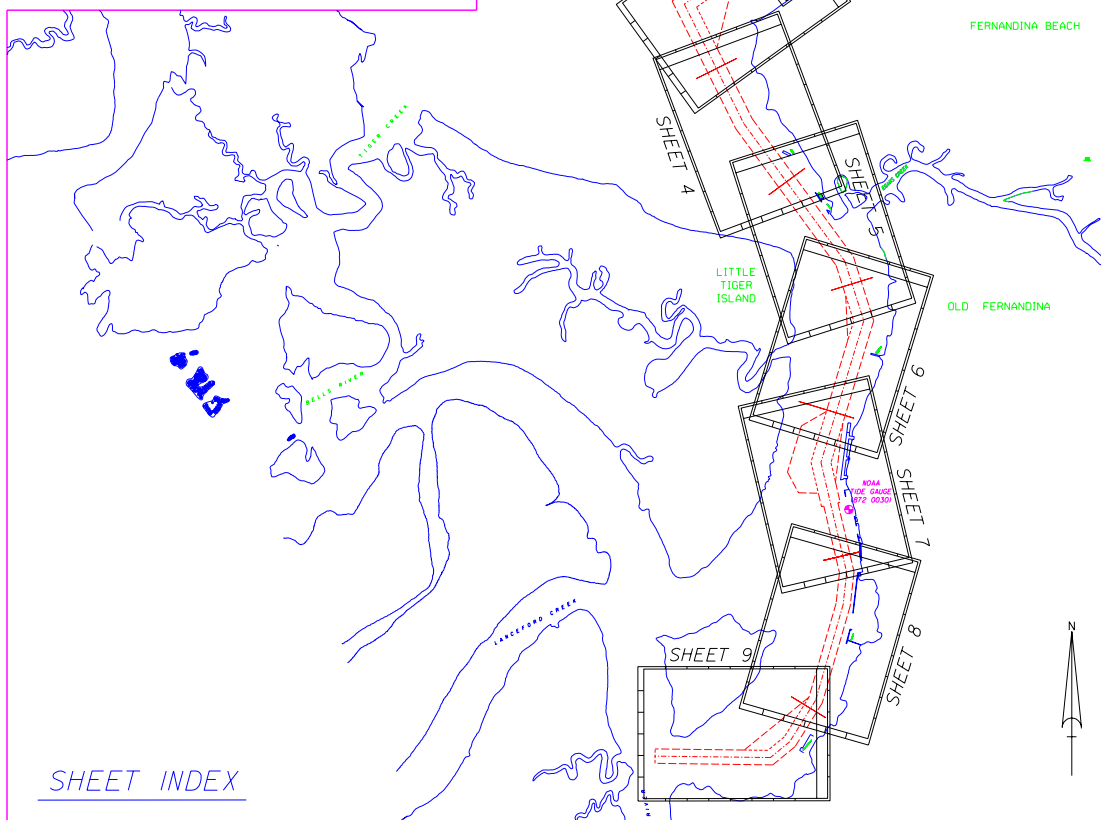
FERNANDINA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
28, 35 AND 36-FOOT PROJECT
LOCATION MAP, VIGNET MAP AND INDEX

DRAWING NO.
1/10

SHEET 1 OF 10



LOCATION MAP

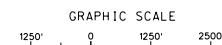


SHEET INDEX

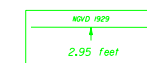
SURVEY NOTES:

1. REFER TO SURVEY NO. 02-056.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 2.95 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM BENCHMARK FH-28 FERNANDINA BEACH, AMELIA RIVER, FLORIDA.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID, RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM (CANAVERAL) AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER WITH A 300KHZ (HIGH FREQUENCY) TRANSDUCER.
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 110-2-1003, HYDROGRAPHIC SURVEYING 1 JAN 02.
12. SURVEYING COMPLETED BY ARC MAPPING & SURVEY, INC. FROM 26 JUNE THROUGH 01 JULY 2002.

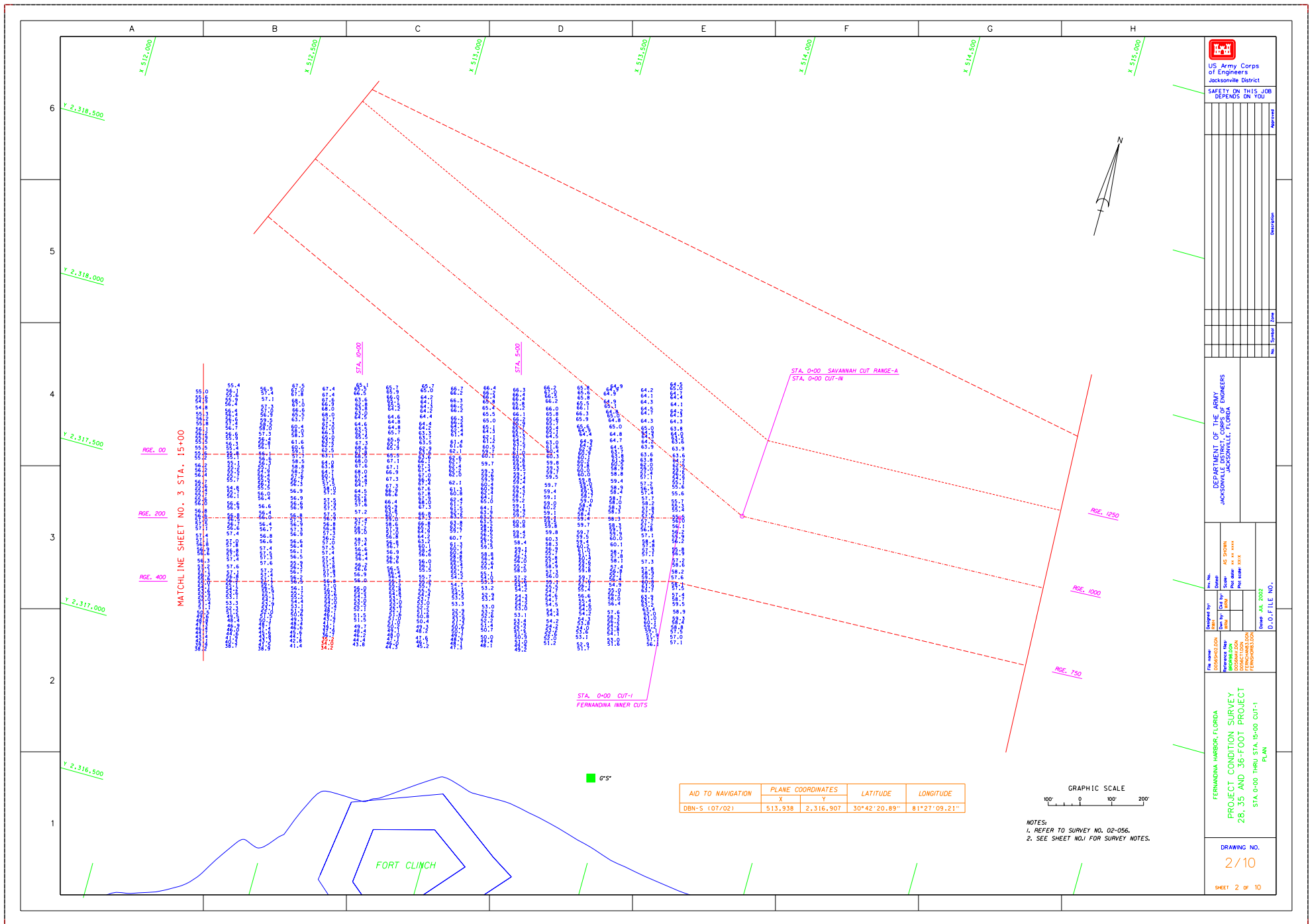
BENCHMARK	NGVD ELEV. (FT)
FH-28	6.23

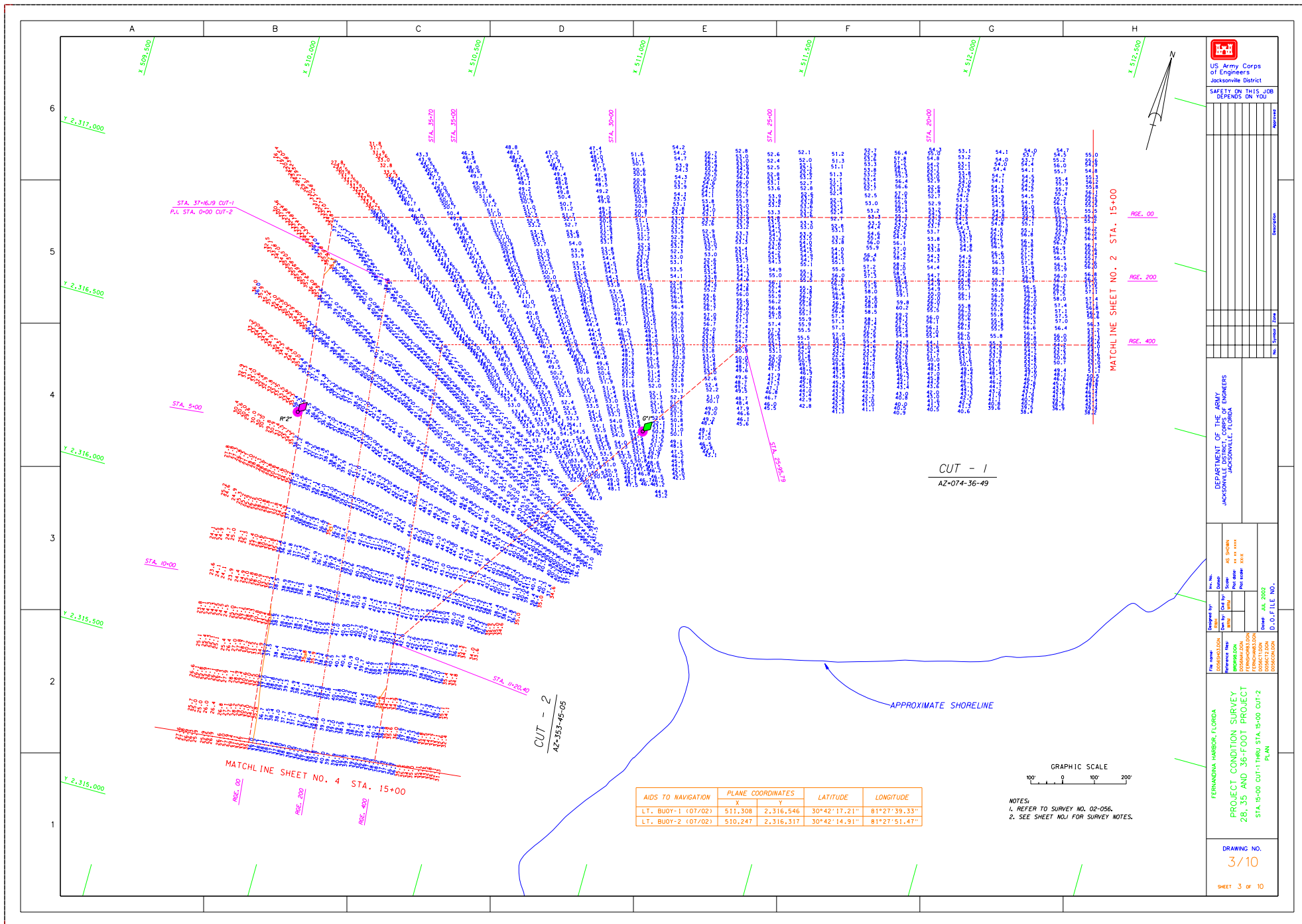


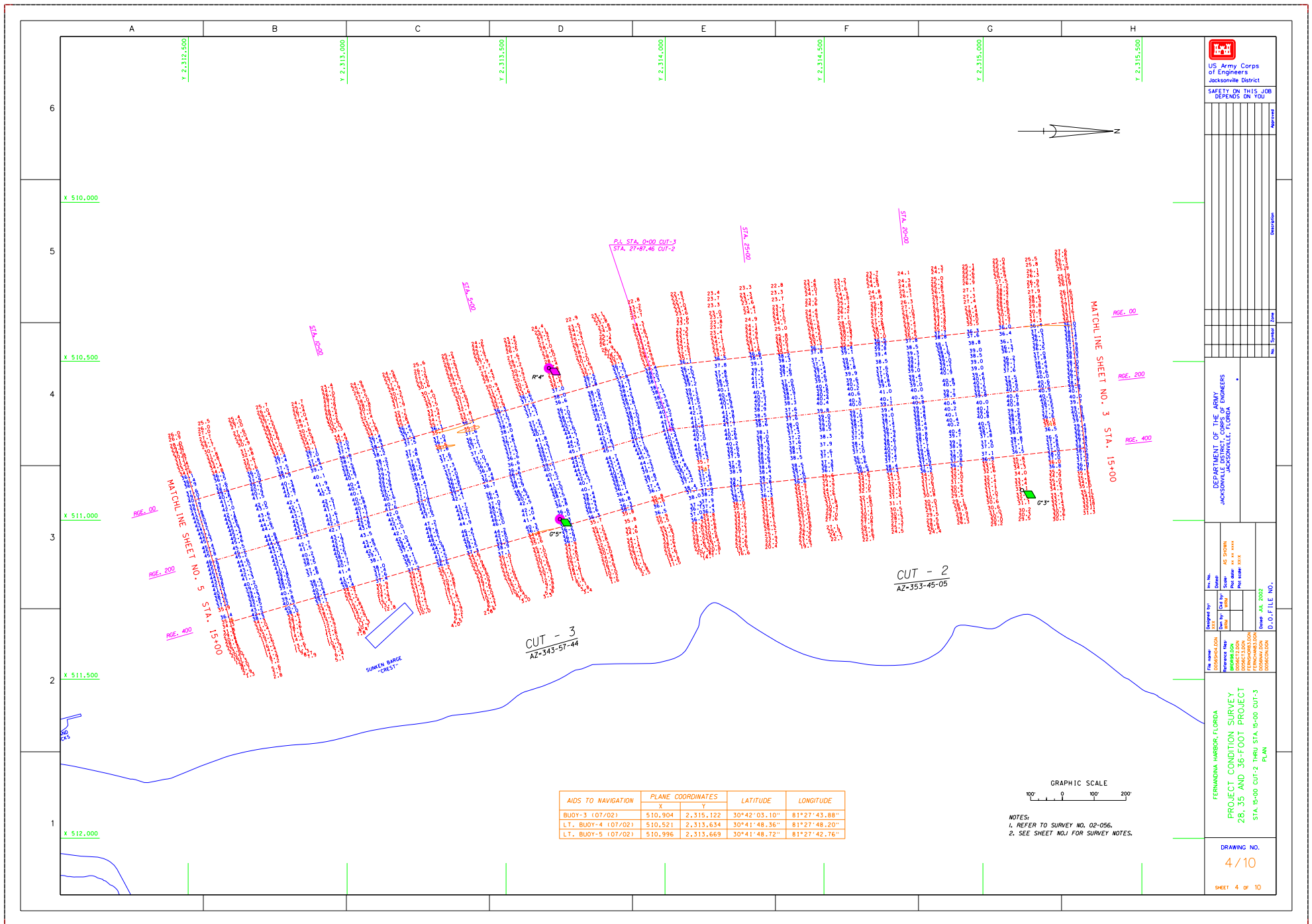
LEGEND
BENCHMARK
LIGHTED BEACON
GREEN DAYBEACON
RED DAYBEACON
RED LIGHTED BUOY
GREEN LIGHTED BUOY
CAN BUOY
NUN BUOY
TIDE STAFF

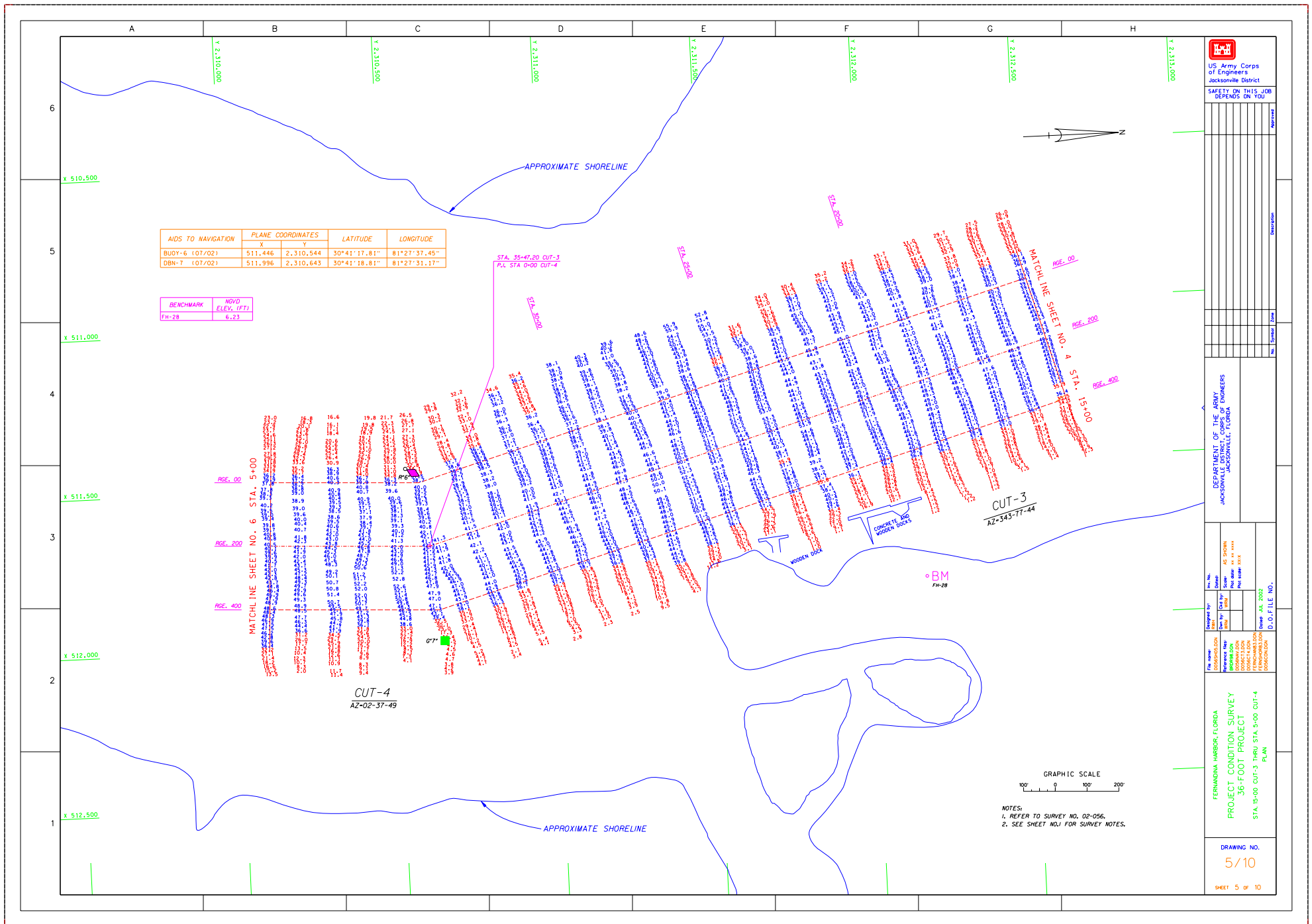


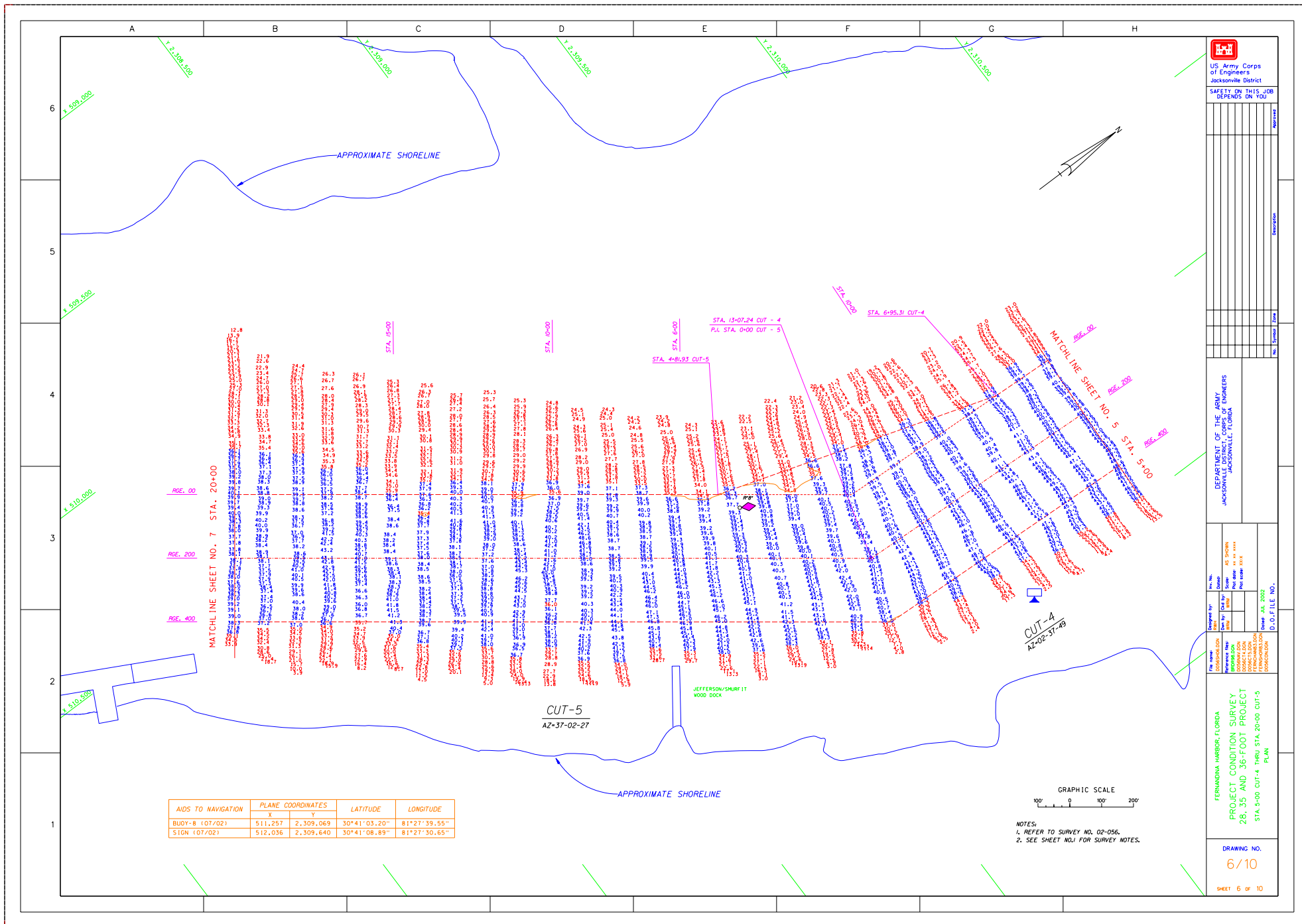
Relationship between NGVD 1929
and NOAA Mean Lower Low Water
Tidal Datum (1960-1978 epoch)











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of Engineers
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Project Name	
Project Number	
Project Date	
Project Location	
Project Status	
Project Manager	
Project Engineer	
Project Designer	
Project Checker	
Project Approver	

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
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FERNANDINA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
28, 35 AND 36-FOOT PROJECT
STA. 5+00 CUT-4 THRU STA. 20+00 CUT-5
PLAN

DRAWING NO.
6/10
SHEET 6 OF 10

